

## Gulfco Marine Maintenance Superfund Site

### Issues regarding a Gulfco wetland sediment hot spot removal

1. NOAA (1999) identifies a 70% incidence of effects when zinc sediment concentrations exceed their Effects Range Median (ERM) of 410 mg/kg. Additional areas that contain sample locations with zinc concentrations higher than the Effects Range Low (ERL)/ERM midpoint should also be included. These sample locations are: SB202, NF4SE13, SPSE01, SPSE02, SPSE03, and 3WSED9.
2. Sampling at the edges of the planned excavation areas to verify that concentrations of chemicals of potential ecological concern above their respective Effects Range Low/ERM midpoints are not left behind should be included.
3. The backfill material should be topsoil with an organic matter content comparable to the material removed.
4. The acceptable plant species used for restoration should include a minimum of 4 plant species, except that cattails should not be used.

### Reference:

NOAA. 1999. Sediment Quality Guidelines Developed for the National Status and Trends Program.

[http://response.restoration.noaa.gov/book\\_shelf/121\\_sedi\\_qual\\_guide.pdf](http://response.restoration.noaa.gov/book_shelf/121_sedi_qual_guide.pdf)